

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Gregory T. NOREN	§	Confirmation No.:	6516
Serial No.:	09/998,513	§	Group Art Unit:	2172
Filed:	11/30/2001	§	Examiner:	C. Chen
For:	Space Efficient Backup Technique In A Storage System	§ § § § § § §	Docket No.:	200304405-1

**RESPONSE TO OFFICE ACTION DATED MAY 7, 2004**

Mail Stop Amendment  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Date: July 26, 2004  
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**AMENDMENT**

Sir:

In response to the Office action of May 7, 2004, please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims that begins on page 2 of this paper.

**Remarks/Arguments** begin on page 8 of this paper.

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P. O. Box 272400  
Fort Collins, Colorado 80527-2400

**ORIGINAL**

PATENT APPLICATION

ATTORNEY DOCKET NO. 200304405-1

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Gregory T. NOREN

Confirmation No.: 6516

Application No.: 09/998,513

Examiner: C. Chen

Filing Date: 11/30/2001

Group Art Unit: 2172

Title: SPACE EFFICIENT BACKUP TECHNIQUE IN A STORAGE SYSTEM

Mail Stop Amendment  
Commissioner For Patents  
PO Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- (X) Response/Amendment ( ) Petition to extend time to respond  
( ) New fee as calculated below ( ) Supplemental Declaration  
(X) No additional fee  
(X) Other: Change of Correspondence Address, Application (fee \$ \_\_\_\_\_)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	29	MINUS	29	= 0	X \$18	\$ 0
INDEP. CLAIMS	4	MINUS	4	= 0	X \$86	\$ 0
[ ] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$290	\$ 0
EXTENSION FEE	1ST MONTH \$110.00	2ND MONTH \$420.00	3RD MONTH \$950.00	4TH MONTH \$1480.00		\$ 0
OTHER FEES						\$
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this sheet is enclosed.

(X) I hereby certify that this paper is being transmitted  
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Typed Name: Christina L. Paz

Signature: 

Respectfully submitted,

Gregory T. NOREN

By: 

Pedro P. Hernandez

Attorney/Agent for Applicant(s)  
Reg. No. 35,190

Date: 07/26/2004

Rev 05/04 (TransFax)

Telephone No.: (972) 731-2288  
- Attach as First Page to Transmitted Papers -

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REMARKS: **Serial No. 09/998,513, filed 11/30/2001**  
**Attached hereto is a Response to Office Action dated May 7, 2004, for filing with the U.S. Patent and Trademark Office. Please acknowledge receipt of this facsimile.**

Total Number of Pages (Including This One): **FOURTEEN (14)**

FROM: Jonathan M. Harris, Direct Dial No. (713) 238-8045

DATE: July 26, 2004

CLIENT/MATTER NO. 200304405-1 (1662-50500)

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